

**ABSTRACT**

The invention provides a device for adhering cells in a specific and predetermined position, and associated methods. The device includes a plate defining a surface and a plurality of cytophilic islands that adhere cells, isolated by cytophobic regions to which cells do not  
5 adhere, contiguous with the cytophilic islands. The islands or the regions or both may be formed of a self-assembled monolayer (SAM).

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